

What is claimed is:

1. An assembled electromotive curtain in which a curtain is drawn or opened along a rail, comprising:

a main controller in which a motor and a control circuit are built; and

a wire driving part fixedly received in the rail, for transferring a curtain transferring wire using a rotational force of a rotational shaft of a motor, the main controller being detachably coupled to the wire driving part.

2. The assembled electromotive curtain of claim 1, wherein the rail is comprised of a main rail and at least one auxiliary rail coupled to the main rail.

3. The assembled electromotive curtain of claim 1 or 2, wherein the wire driving part includes a first rotational body rotated by the wire, and the main controller includes sensing means for sensing rotation of the first rotational body and a moving state of the wire.

4. An assembled electromotive curtain in which a curtain is drawn or opened along a rail, comprising;

a wire driving part fixedly received at one end of the rail;

a tension maintaining part fixedly received at the other end of the rail;

a loop-shaped curtain transferring wire wound around the wire driving part and the tension maintaining part by which tension is applied, the loop-shaped curtain transferring wire having two straight lines at a horizontal transferring region of the curtain; and

a wire fixing part which is fixed to each of the straight lines of the wire and in which one end of the curtain is fixed so that the curtain is drawn or opened according to movement of the wire.

5. The assembled electromotive curtain of claim 4, further comprising a main controller detachably coupled to the wire driving part so as to provide a rotational force to the wire driving part.

6. The assembled electromotive curtain of claim 5, wherein the wire driving part includes a rotational body rotated by the wire, and the main controller includes sensing means for sensing rotation of the rotational body and a stopping state of the rotational body of when the rotational body is stopped, so that the main controller performs a control operation.

7. The assembled electromotive curtain of claim 6, wherein the wire driving part comprises a driving gear pulley rotated by the rotational body inserted into a center portion thereof to drive the wire, an auxiliary pulley for providing tension to the wire wound around the driving gear pulley, a monitoring pulley rotated by the wire, and a guide roller for maintaining a gap between the two lines of the wire, and

the main controller comprises a rotational shaft inserted into a center portion of the driving gear pulley to be rotated by rotation of a motor, and a monitoring rotational shaft inserted into a center portion of the monitoring pulley to be rotated,

wherein the rotational shaft and the monitoring rotational shaft are protruded on a contact surface of a housing of the wire driving part.

8. The assembled electromotive curtain of claim 1 or 4, wherein the rail is comprised of a main rail and an auxiliary rail coupled to one end of the main rail, and the auxiliary rail has at least one cylindrical guide rods and a clip comprised of two plate type members, and the main rail is formed with a slot into which the guide rod is inserted, and the clip is fixed to a plate of the main rail by screws.